



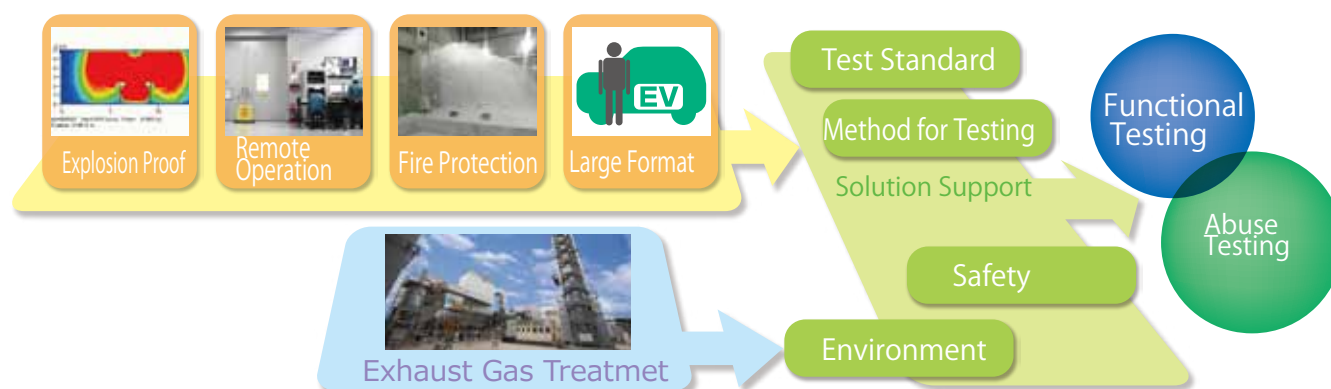
Primearth EV Energy Battery Testing Services

Our Battery Laboratory

Primearth EV Energy, it is No.1 battery pack supplier for HEV battery pack, has a testing laboratory by taking advantage of battery technology. we provide test single-site provider of UNTransportation and UN-ECE100 in the world
Corresponding to need of product quality and development speed,
it will be supported by technology developed force in the vehicle parts development .

Your Benefit

We can enhance credibility to provide solution of fire event to explosion proof building and remote operation using and large scale facilities for full-sized BEV battery pack,
and fully backup your certification activities of various standards.



Validation Facilities for Batteries

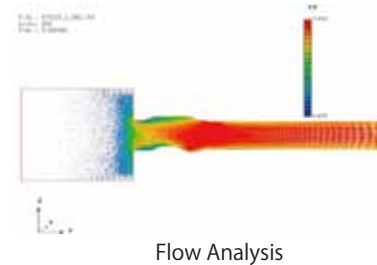
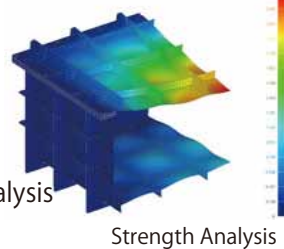
	Facilities	Features	Standards	
			UN Transpotation	UN-ECE100
Functional	Vibration Tester	Servo System realize 3-axis Excitation in Temp. Chamber	○	○
	Free Fall Tester	One of the largest tester for half-sine wave	○	○
	Impact Thread Shock Tester	Sine wave and Trapezoid wave to simulate vehicle crush	○	○
	Charger/Discharger	Wide temperature range with 800V class power supply	○	○
	Thermal Shock Chamber	Fire preventing and large scale chamber	○	○
	Pressure Reducing Chamber	Simulate pressure condition on the plane	○	N/A
Abuse	Fire Testing System	In-House Fire Testing Machine Any Fuel and Gas acceptable	N/A	○
	Crush Testing Machine	Crush and Penetration testing	N/A	○
	Penetration Chamber	Short Circuit, Over Charge/Discharge, Penetration in Assigned Temp.	○	○

Testing Solution Design/Analysis

We can improve test method to stay ahead of developments to clients needs.

- Gain confidence by Customized Testing
Severe Testing/Marginal Check

- Strength Analysis/Flow Analysis
Test design encompassing peripheral systems
Designing Jig, Vibration Analysis, steady/unsteady analysis
using NASTRAN, SCRYU/Tetra etc.



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